

CLAIMS

1. - 29. Canceled

30. A method of reducing the oxygen content of a volume of a liquid comprising:

providing a sealed multi-layer container containing a volume of liquid, the container comprising at least one oxygen-scavenging layer, the at least one oxygen-scavenging layer comprising a polymer and cobalt, the polymer having a repeat unit including a carbonyl and at least one hydrogen atom alpha to the carbonyl, the cobalt being present in an amount of at least 200 ppm in the layer, and at least one structural polymer layer positioned between the at least one oxygen-scavenging layer and the volume of the liquid, wherein the oxygen content of the volume of the liquid in the sealed multi-layer container is maintained for a period of time below the oxygen content of a same volume of the liquid stored in a sealed glass container for the same period of time.

31. The method of claim 30, wherein the period of time is at least three months.

32. The method of claim 30, wherein the period of time is at least six months.

33. A method of reducing an oxygen content of a liquid in a multiplayer container comprising:

the multi-layer container having a transparent sidewall portion, the sidewall portion including an oxygen-scavenging layer of a polyamide and cobalt in an amount of

at least 200 ppm and a structural polymer layer positioned between the scavenging layer and the liquid; and

allowing a component of the liquid to permeate the structural layer to contact the scavenging layer and cause a reduction in oxygen content of the liquid.

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34. The method of claim 33, wherein the inner structural layer is permeable to the component, the component being selected from the group consisting of water, carbon, dioxide, nitrogen, volatile organic compounds, low molecular weight oligomers and trace impurities.

35. The method of claim 33, wherein the component is water.

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